

Message

From: Ken Riley - NOAA Federal [ken.riley@noaa.gov]
Sent: 7/14/2020 2:18:39 PM
To: Tyler, Kip [Tyler.Kip@epa.gov]
Subject: Fwd: Velella Epsilon Project - Production & Effluent Model Report
Attachments: CASS_Report_Vellela_Deposition_Model_27AUG2018.pdf; Velella_Epsilon_Production_Model_27AUG2018.xlsx

Hi Kip,

Please let me know if I captured this information correctly. See below. Thanks!

-Ken

----- Forwarded message -----

From: Ken Riley - NOAA Federal <ken.riley@noaa.gov>
Date: Tue, Jul 14, 2020 at 10:16 AM
Subject: Velella Epsilon Project - Production & Effluent Model Report
To: James Morris <james.morris@noaa.gov>, Barry King - NOAA Affiliate <barry.king@noaa.gov>, Matt Campbell - NOAA Affiliate <matt.campbell@noaa.gov>

Hi James, Barry, and Matt,

We had a request last week from Kip Tyler, EPA Region 4, to see if we can conduct additional effluent modeling for the Kampachi Farms Velella Demonstration Project.

Specifically, they are interested in modeling the same biomass and feed rates if the demonstration project was extended for the entire 4-5 years instead of 1 year of production. The permit issued will likely be a 5 year permit; although, the production plan for the permit application only specifies one production cycle with Almaco Jack.

Ideally, the modeling would be completed and report updated in the next 4-6 weeks. It is just fine if we report back to EPA that we don't have the capacity at present to complete the modeling, but it would be beneficial to support permit issuance in September.

Copied below and attached is our original email transmission and modeling report for the Velella Project.

Please let us know your thoughts.

Thanks!

-Ken

Kenneth Riley, Ph.D.
Marine ecologist

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From: **Ken Riley - NOAA Federal** <ken.riley@noaa.gov>

Date: Mon, Aug 27, 2018 at 12:35 PM

Subject: Velella Epsilon Project - Production & Effluent Model Report

To: Tyler, Kip <Tyler.kip@epa.gov>, Jess Beck <jess.beck@noaa.gov>

Cc: Dennis Peters <dpeters@gsrcorp.com>, Neil Sims <neil@kampachiworld.com>, James Morris <james.morris@noaa.gov>, Barry King - NOAA Affiliate <barry.king@noaa.gov>

Dear Kip and Jess,

Please find attached a final report on the Velella Epsilon Production and Deposition Model. Also, attached is the production model that is the companion to the report. The Excel file is the same draft previously distributed in May 2018. Feel free to distribute to appropriate parties.

Thanks for the opportunity to contribute this work. We are looking forward to next steps!

Best regards,

-Ken

Kenneth Riley, Ph.D.
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